

Fig. 1

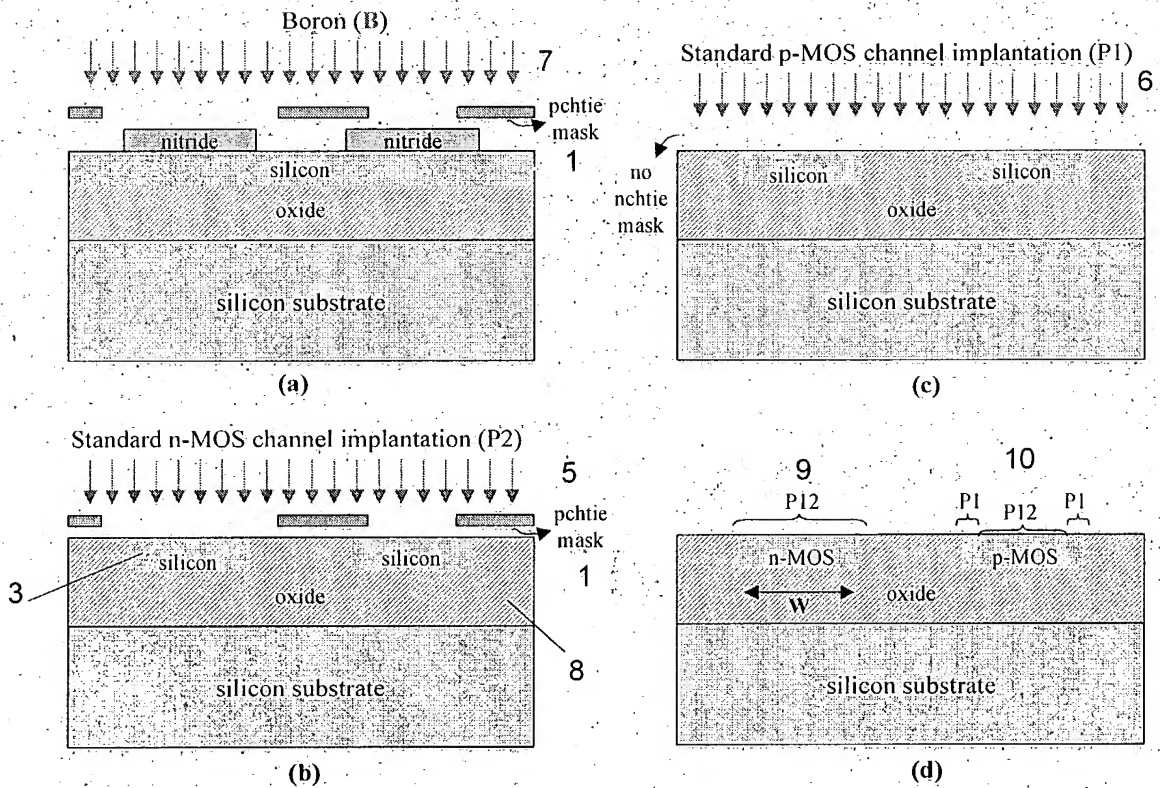


Fig. 2

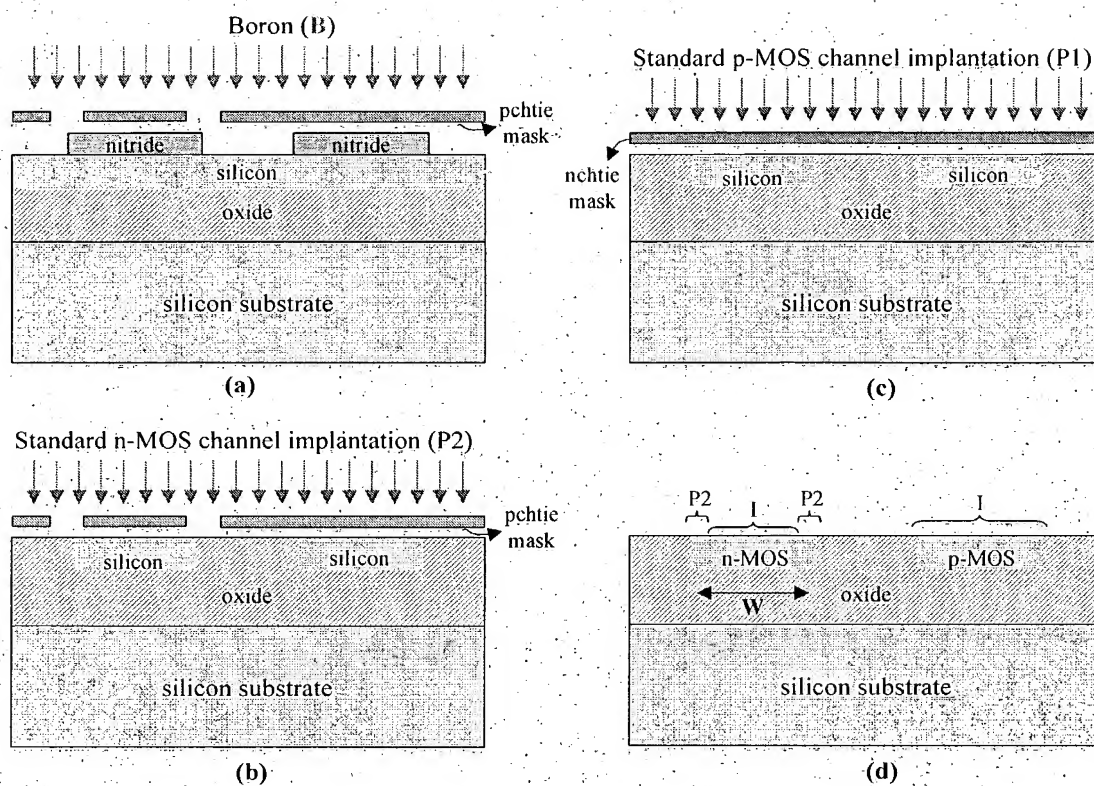


Fig. 3

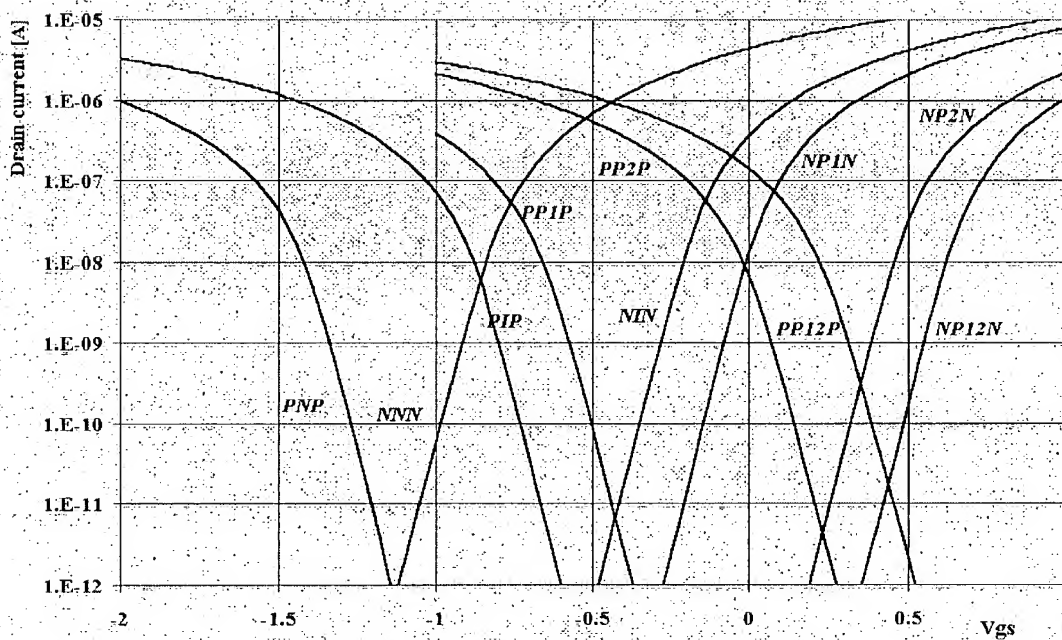


Fig. 4

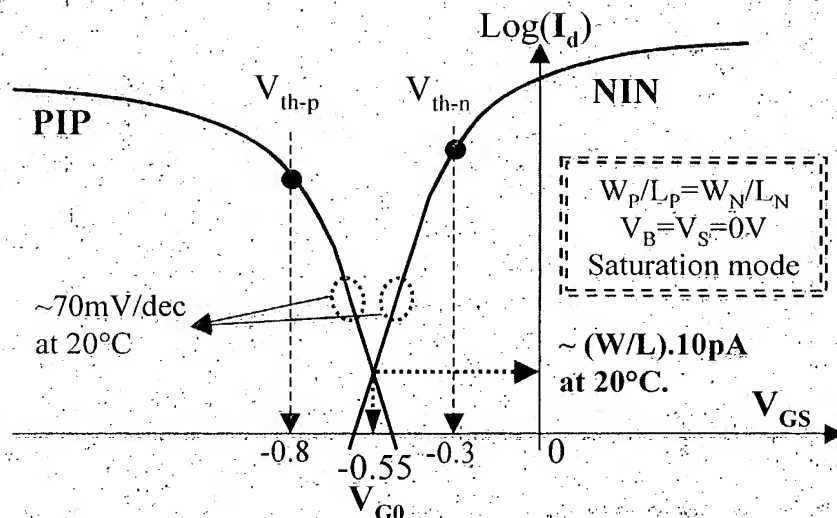


Fig. 5

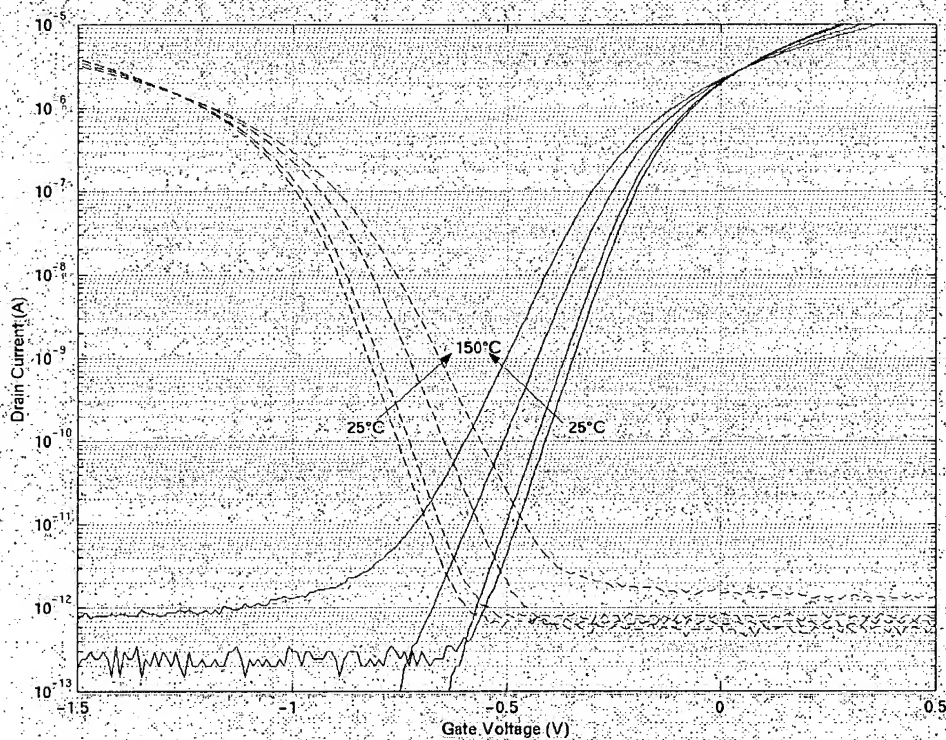


Fig. 6

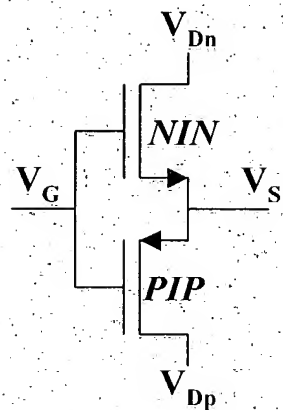


Fig. 7

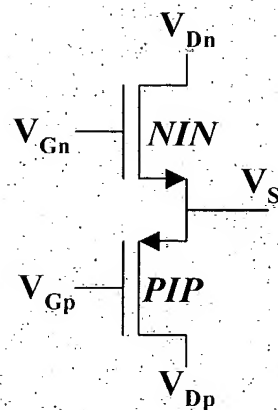


Fig. 9

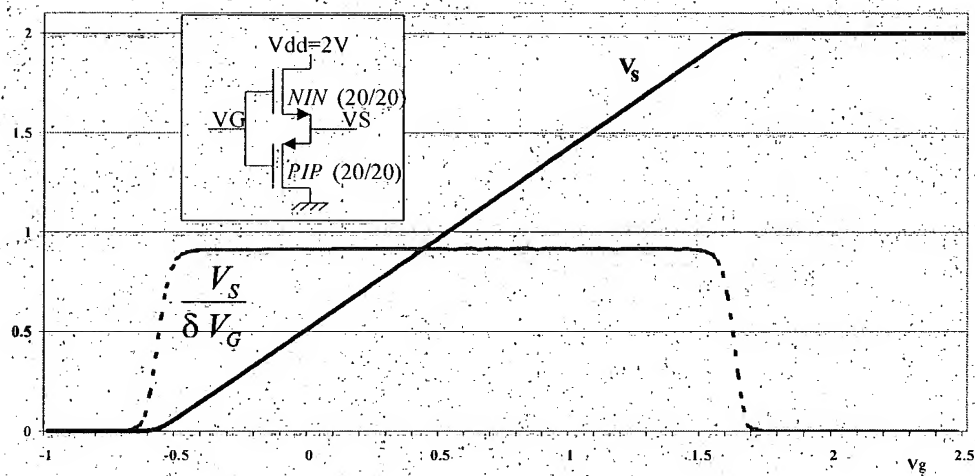


Fig. 8

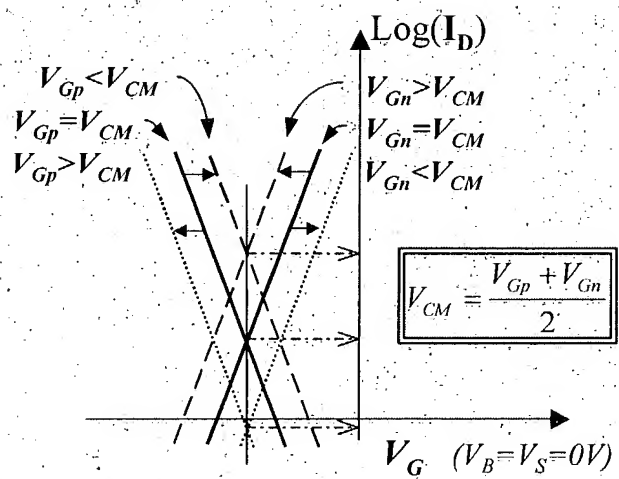


Fig. 10

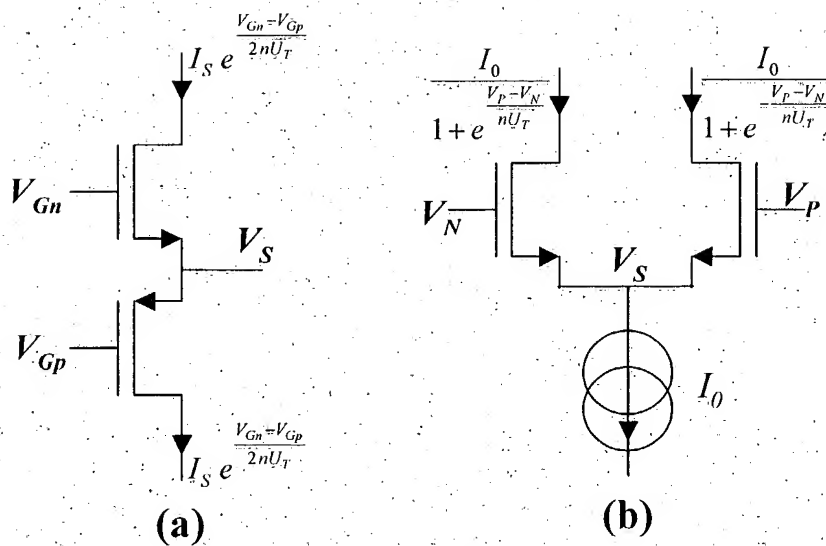


Fig. 11

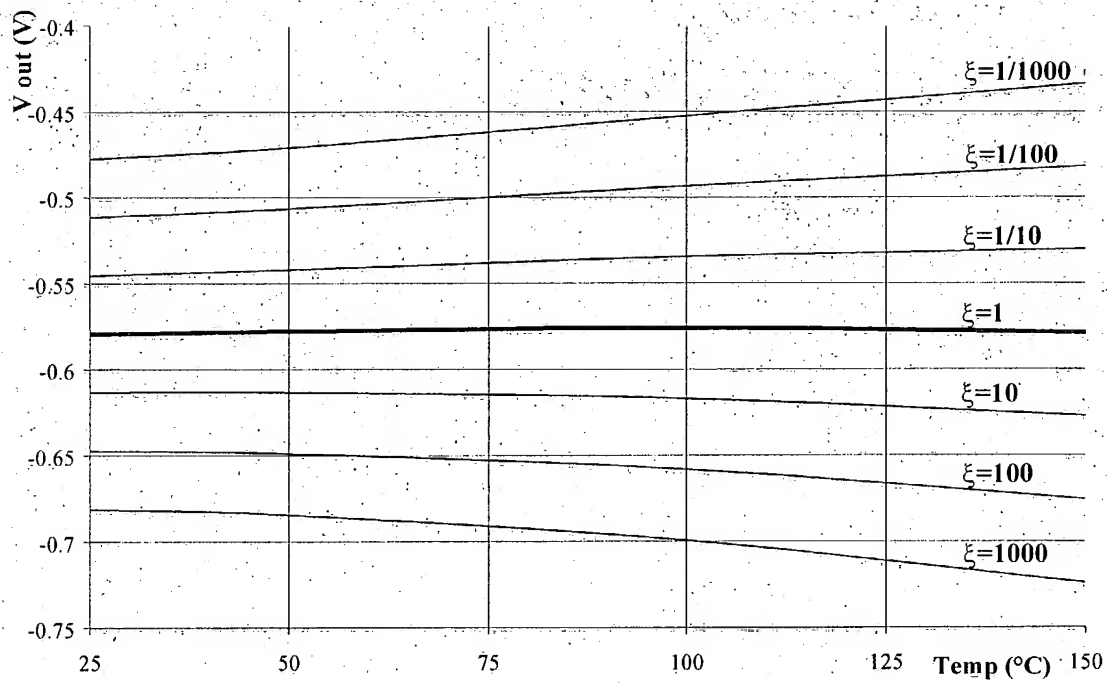


Fig. 12

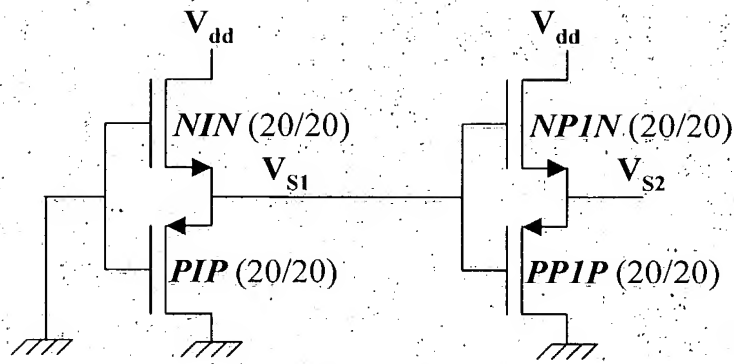


Fig. 13

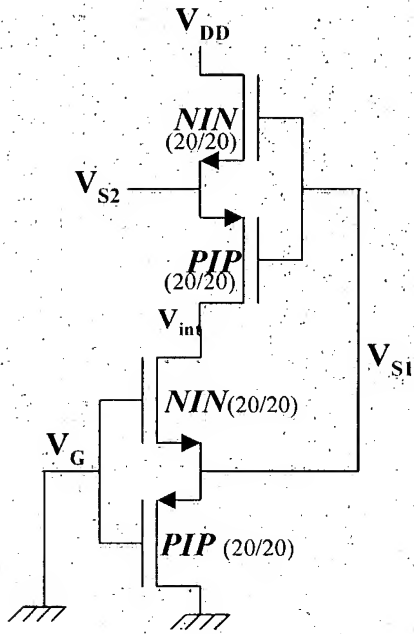
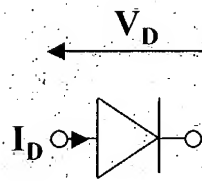
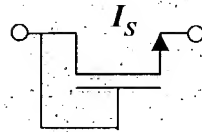


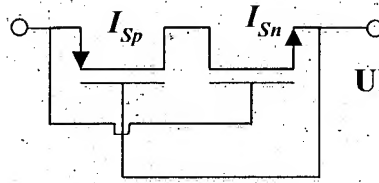
Fig. 14



PN junction diode



Standard MOS diode



ULP MOS diode

Fig. 15

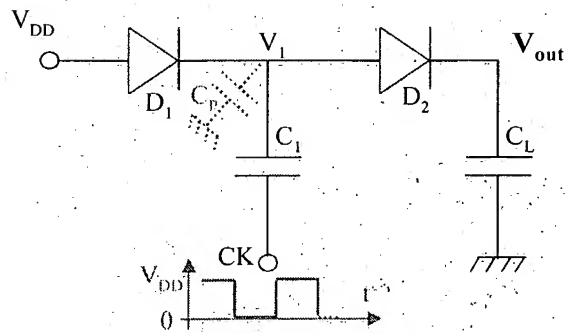


Fig. 17

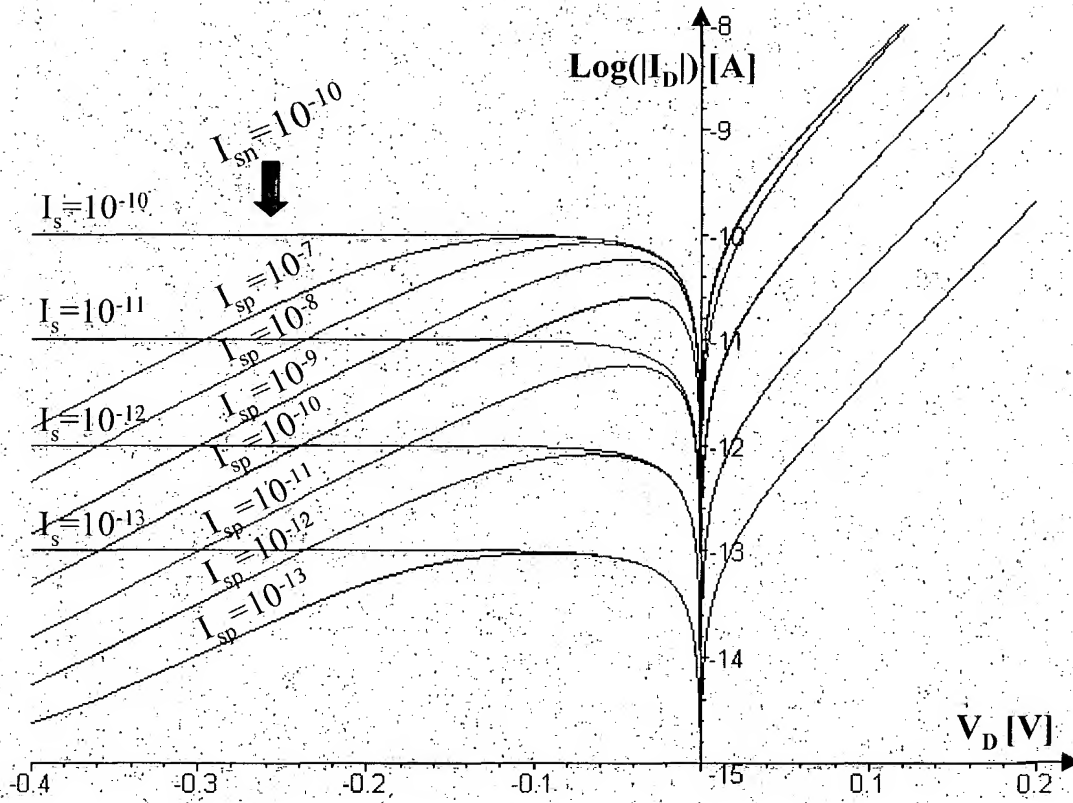


Fig. 16a

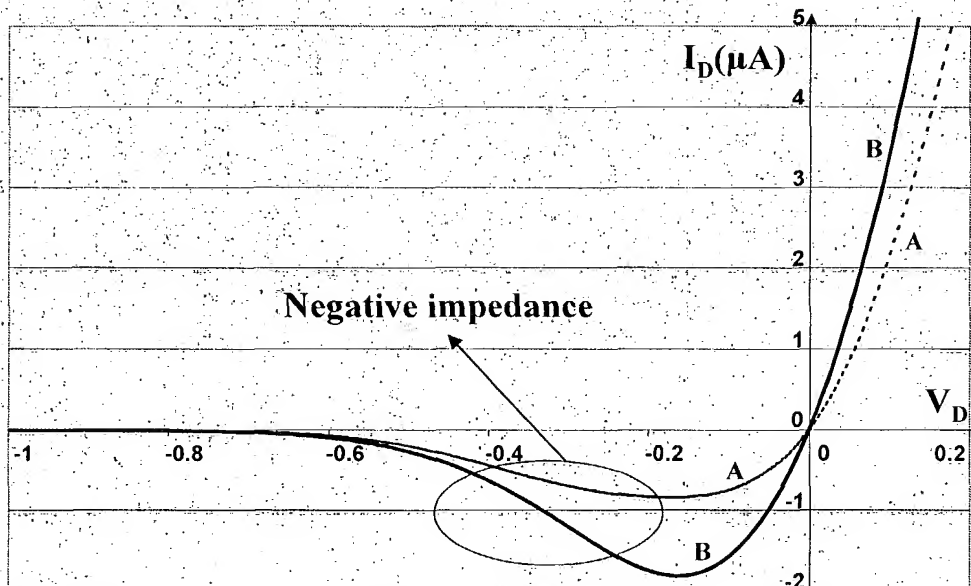


Fig. 16b

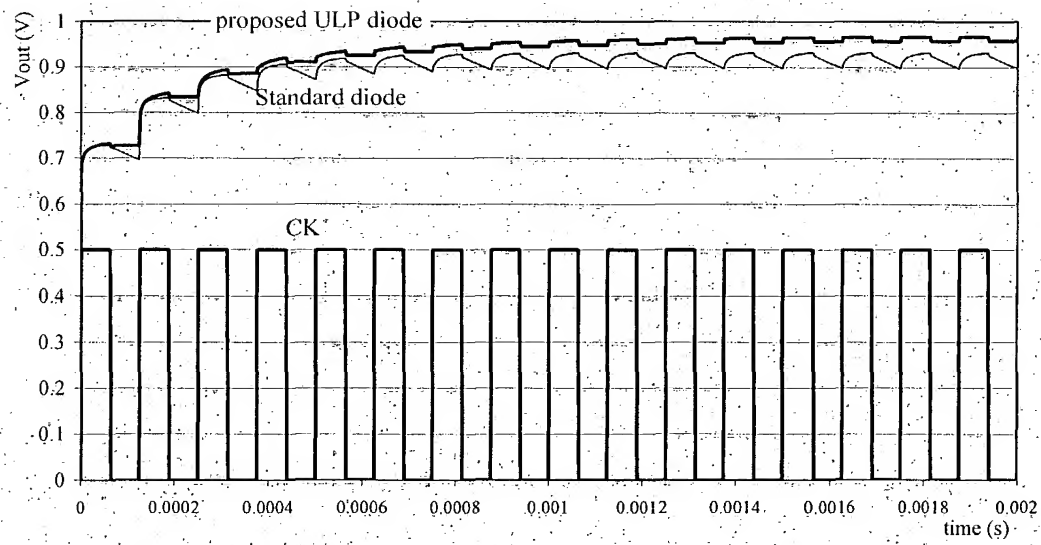


Fig. 18

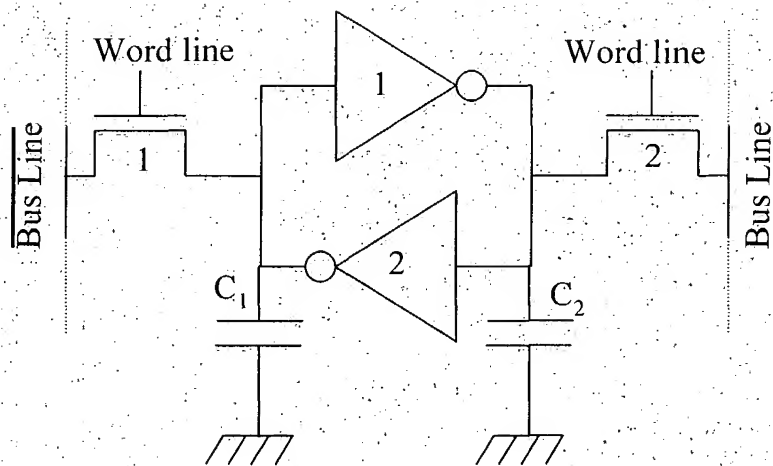


Fig. 19



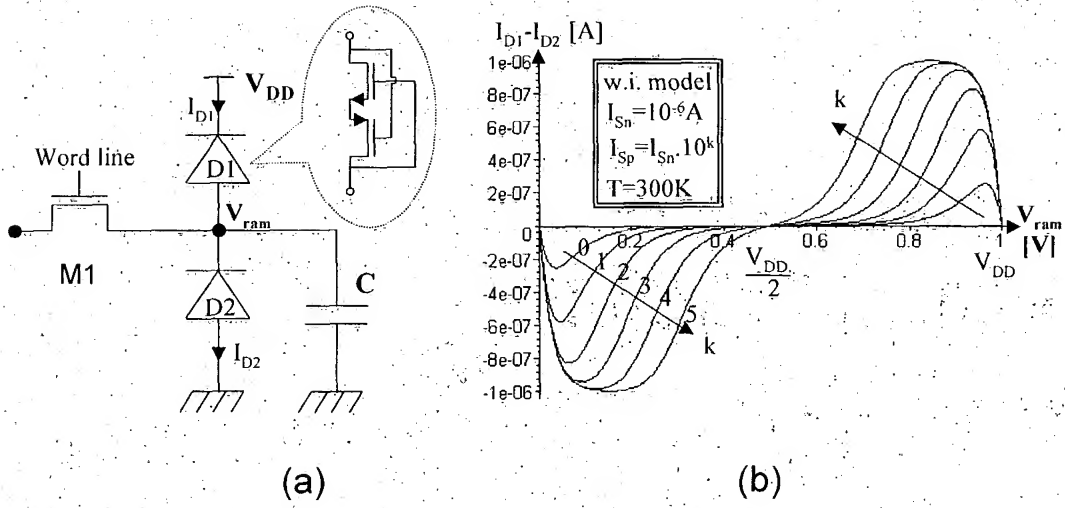


Fig. 20

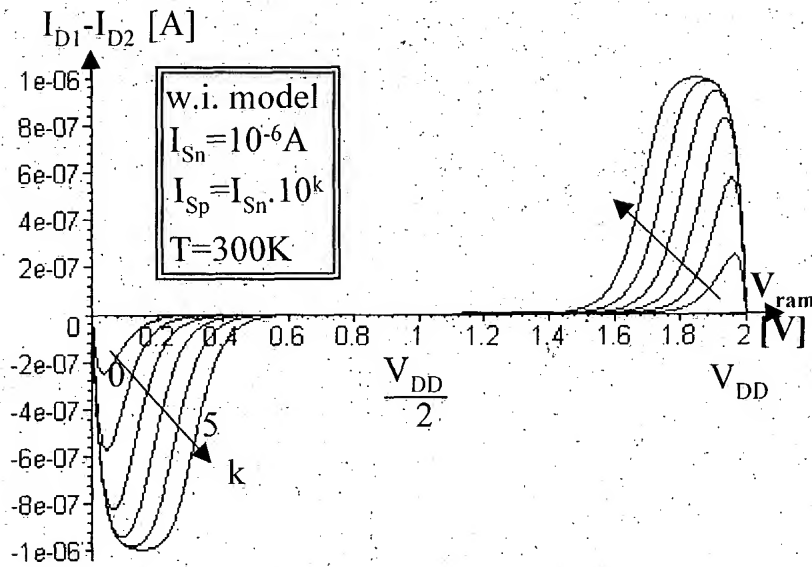
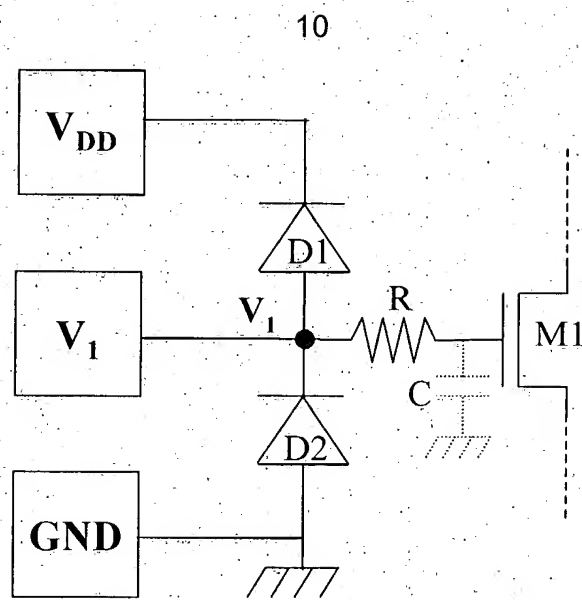
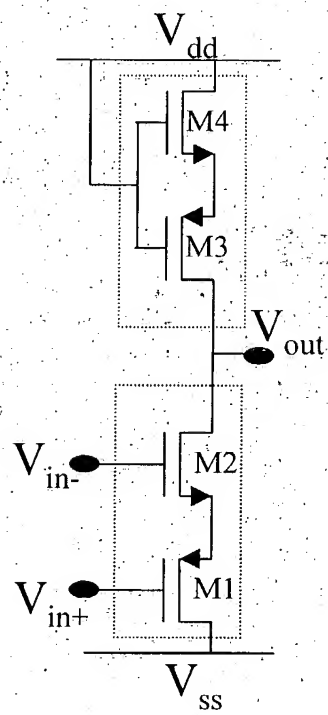


Fig. 21



**Fig. 22**



**Fig. 23**

11

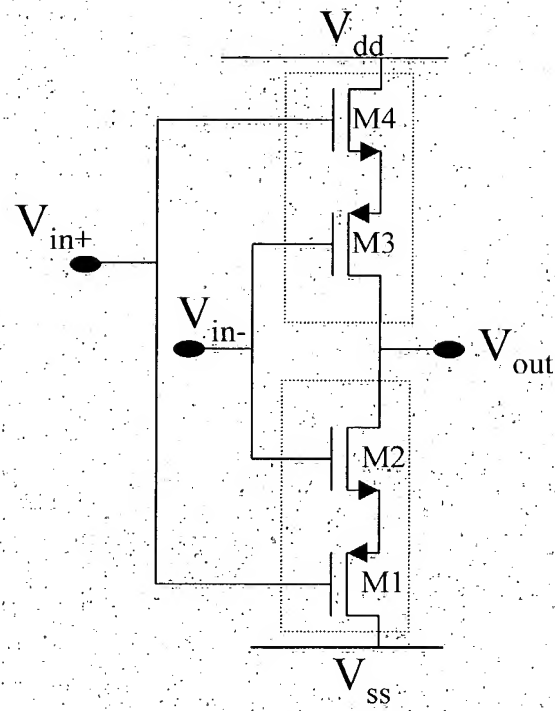


Fig. 24

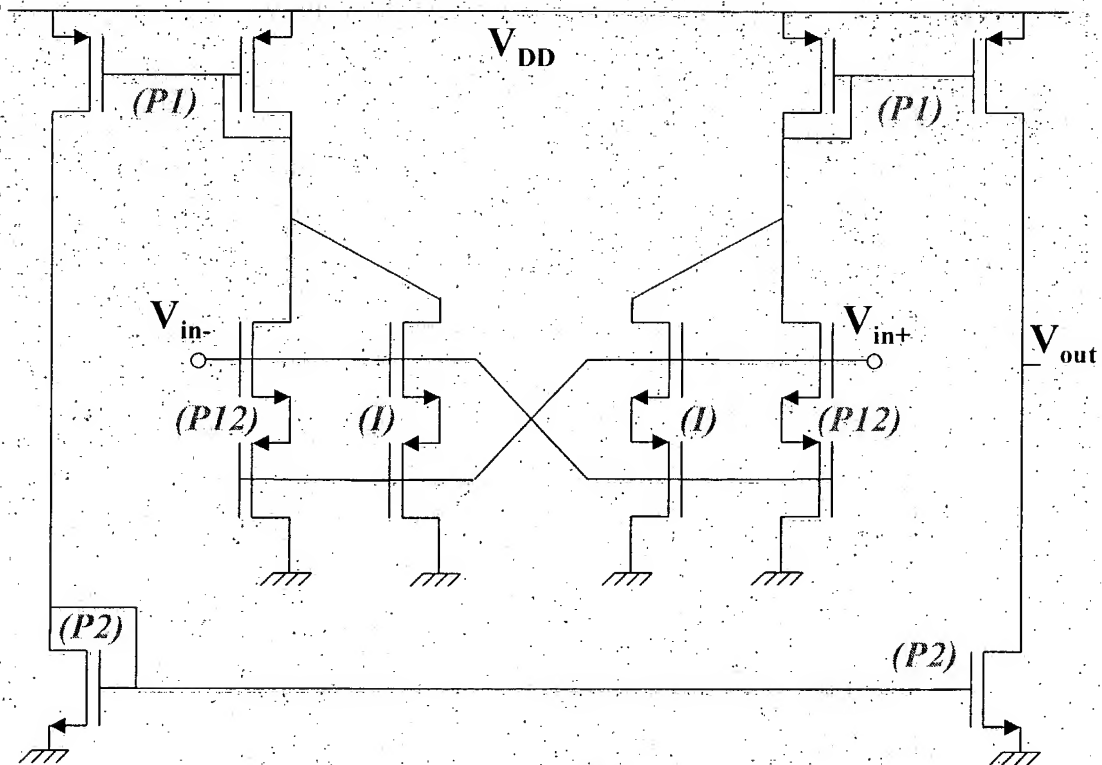
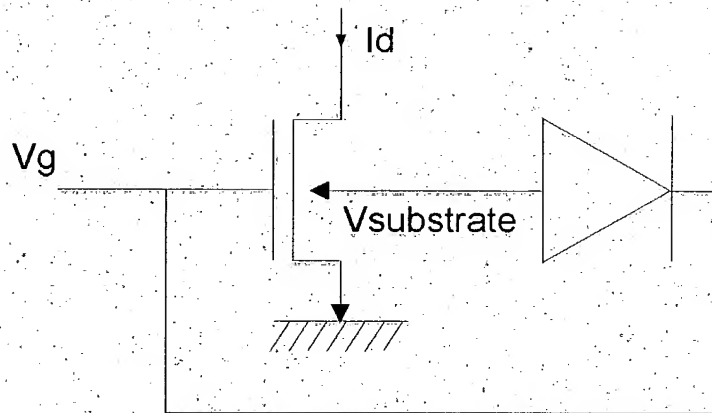
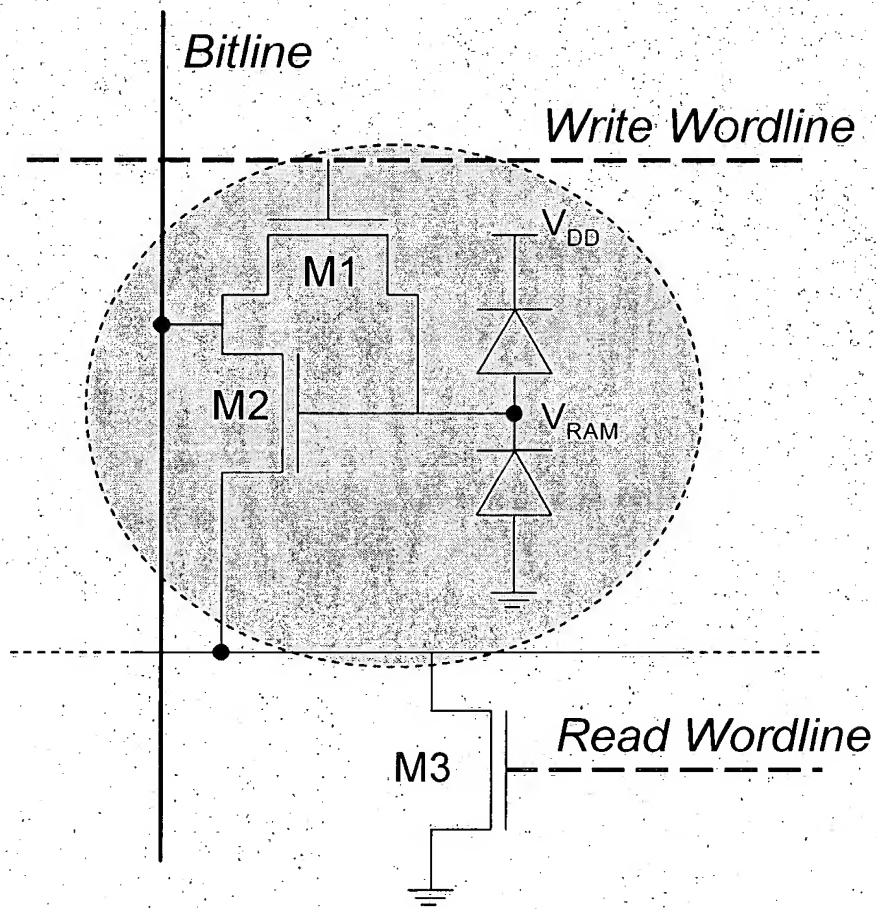


Fig. 25

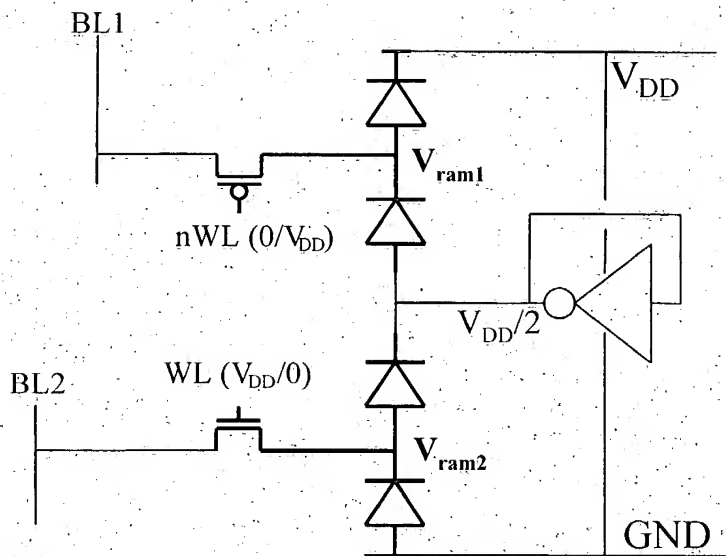
12



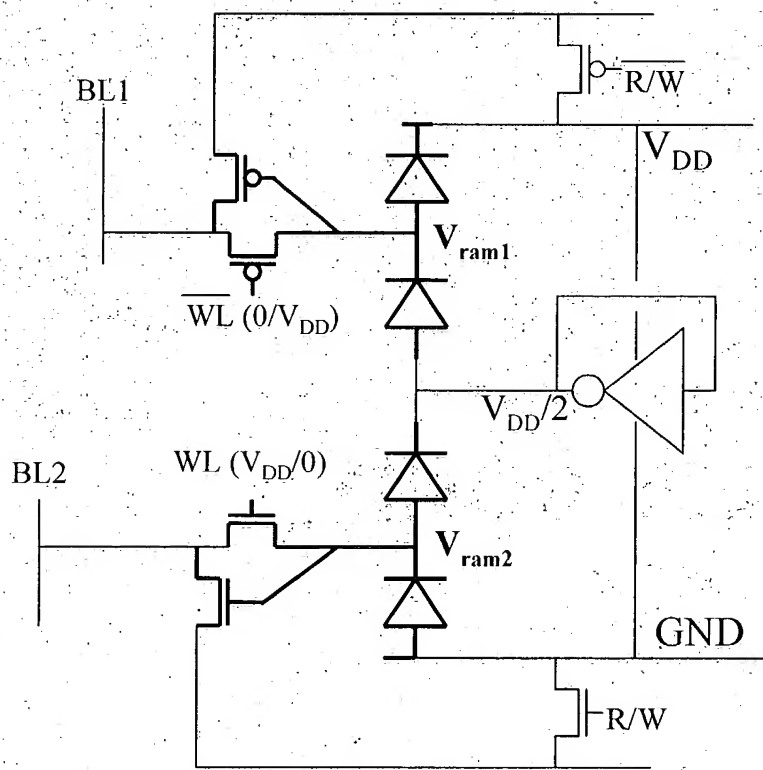
**Fig. 26**



**Fig. 27**



**Fig. 28**



**Fig. 29**

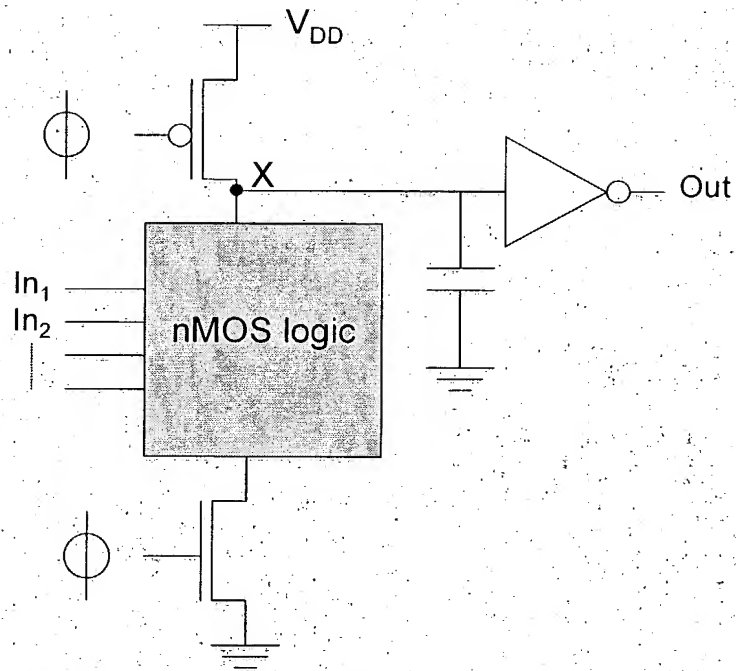


Fig. 30

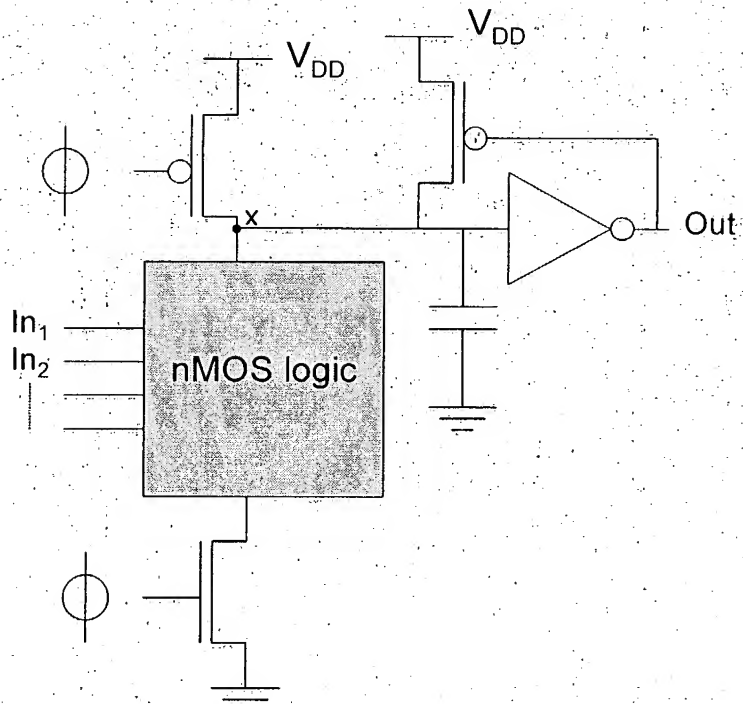


Fig. 31

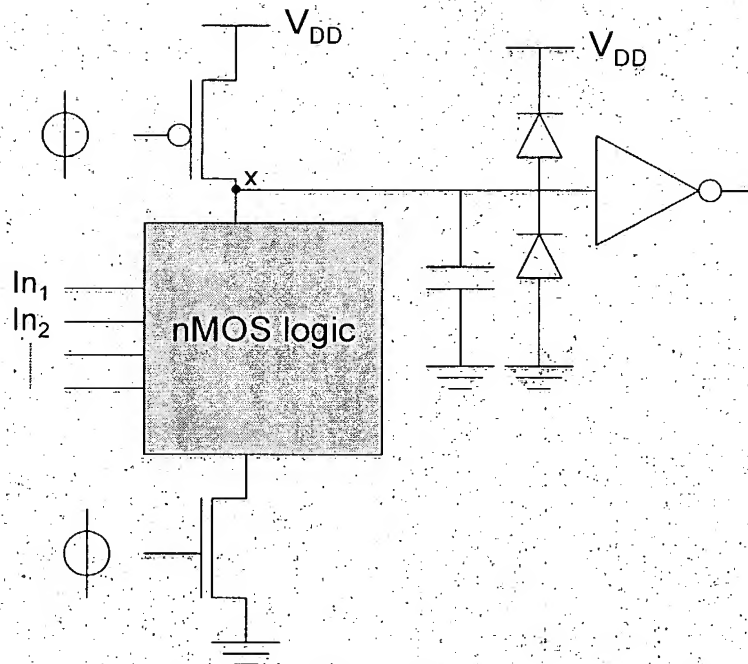


Fig. 32

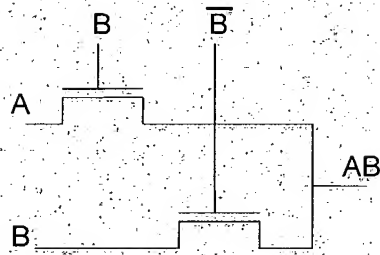


Fig. 33

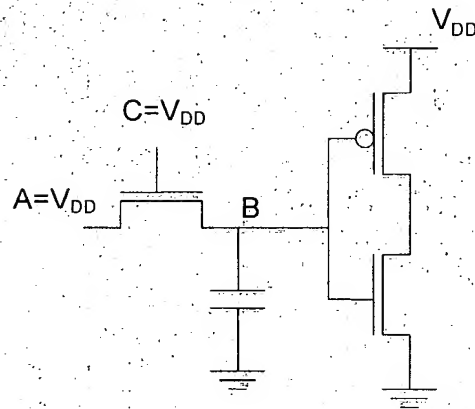


Fig. 34

16

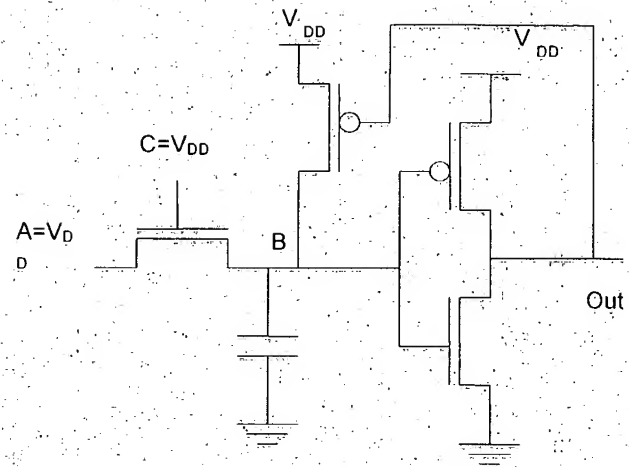


Fig. 35

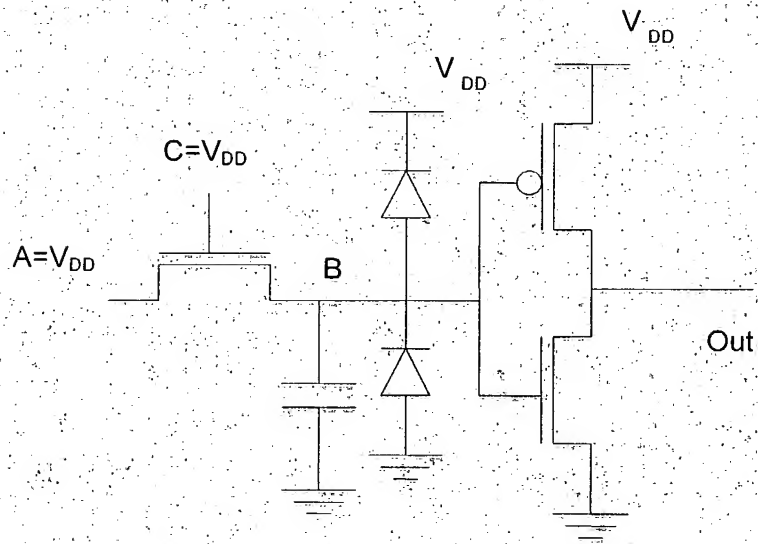


Fig. 36

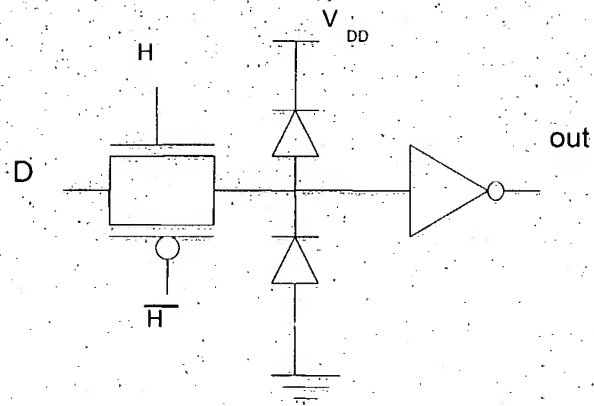


Fig. 37



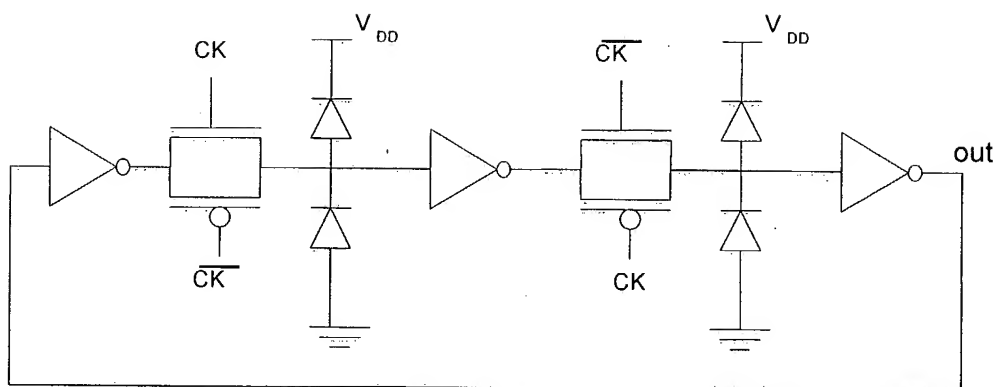


Fig. 38

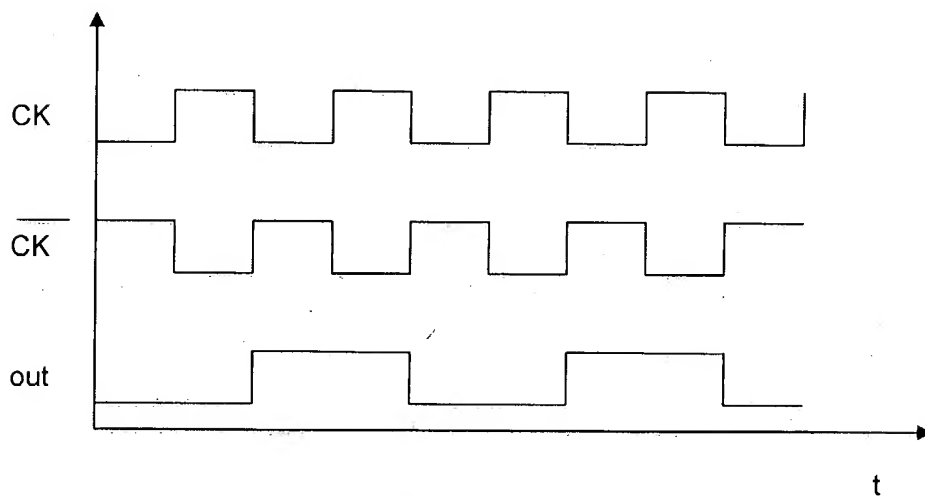


Fig. 39

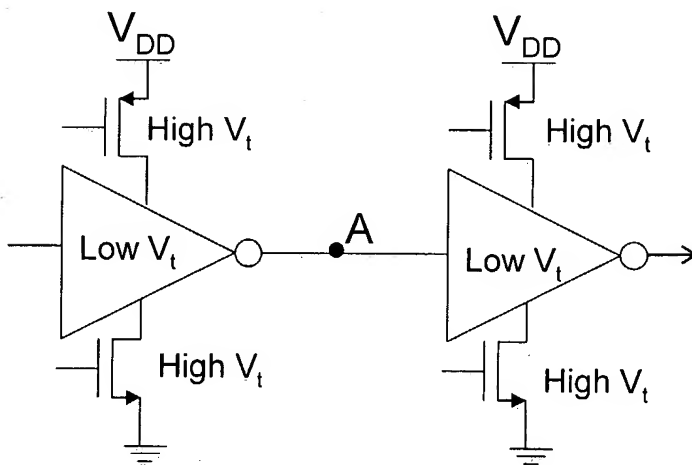
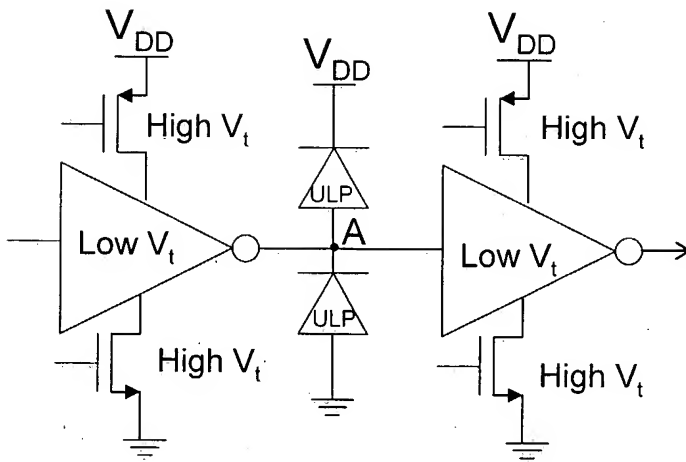


Fig. 40

**Fig. 41**